

ABSTRACT

An electronic white board with a built-in electromagnetic induction layer of wire lattice comprises: a writing input portion, a covering frame portion formed around the periphery of the electronic white board, and a control circuit. The writing input portion has multiple layers and is enclosed in the frame, and includes a surface writing layer, an underlayer, and an input induction layer which is formed between the surface writing layer and the underlayer, and is connected to the control circuit by its output. The input induction layer is a wire lattice winded and interlaced separately by wires along the X and Y axes, and the wires are insulated with each other at the crossing points. The area enclosed within each lattice unit constitutes one induction cell. The present invention possesses the following advantages: simple and reasonable structure; easy manufacturing; highly reduced cost of the electronic whiteboard; convenient for maintenance; highly improved induction accuracy; portable and convenient for carrying, hanging, storing and space saving.